

[What is Claimed is]

[Claim 1]

A jet dispersing device in which a partition wall for partitioning a high pressure region having a flow inlet and a low pressure region having a flow outlet is formed with nozzle holes for jetting a liquid from the high pressure region to the low pressure region and dispersing the same as fine particles characterized in that a cleaning fluid communication port of a larger opening area compared with the that of the nozzle hole is formed in the partition wall, and a valve mechanism for opening and closing the communication port is provided.

[Claim 2]

A jet dispersing device according to Claim 1, wherein the tubular member as the partition wall is extended toward the high pressure region, nozzle holes are formed in the tubular wall of the tubular member, the end of the high pressure region thereof is formed to the cleaning fluid communication port, and the valve mechanism has a valve body for opening and closing the communication port.

[Claim 3]

A jet dispersing device according to Claim 2, wherein the valve body is formed of a rod that is inserted into and

withdrawn from the inside of the tubular member from the communication port.

[Claim 4]

A jet dispersing device according to Claim 3, wherein the clearance between the valve body and the tubular member is from 0 to 50  $\mu\text{m}$  and, more preferably, from 0 to 15  $\mu\text{m}$ .

[Claim 5]

A jet dispersing device according to Claim 1, wherein the tubular member as the partition wall is extended toward the high pressure region, the end of the high pressure region is formed to the cleaning fluid communication port, the valve mechanism has a valve body for opening and closing the communication port, and the gap between the valve body and the tubular member forms a nozzle hole.

[Claim 6]

A jet dispersing device according to any one of Claims 3 to 5, wherein a valve seat to be closed by the top end of the valve body is formed to the low pressure region of the tubular member.